

WTC 499.18
E-22
5/15/90

DRAWING NUMBER

DRAWING NUMBER

SMOKE DETECTION PANEL XL No.9 SCHEDULE 'A' (SINGLE ADDRESS INPUTS)				
INPUT		OUTPUT		
ADDRESS	INITIATING DEVICES	ANNUNCIATOR MESSAGES	ACTIVATED RELAYS	ACTIVATED HVAC EQUIPMENT
091101	DUCT SMOKE DETECTOR	E-41-15 EXH. FAN SHUTDOWN TWR 2	POX-28-103	E-41-15 SHUTDOWN
091102	DUCT SMOKE DETECTOR	E-41-18 EXH. FAN SHUTDOWN	POX-29-112	E-41-18
091103	AREA SMOKE DETECTOR	ACS-41-15 AREA ALARM	POX-22-044	ACS-41-15
091104	DUCT SMOKE DETECTOR	ACS-41-15 DUCT ALARM		
091105	AREA SMOKE DETECTOR	ACS-41-3 AREA ALARM	POX-19-014	ACS-41-3
091106	DUCT SMOKE DETECTOR	ACS-41-3 DUCT ALARM		
091107	DUCT SMOKE DETECTOR	ACS-41-8 AREA ALARM	POX-21-031	ACS-41-8
091108	AREA SMOKE DETECTOR	ACS-41-8 DUCT ALARM		
091109	DUCT SMOKE DETECTOR	ACS-41-12 AREA ALARM	POX-22-041	ACS-41-12
091110	AREA SMOKE DETECTOR	ACS-41-12 DUCT ALARM		
091111	DUCT SMOKE DETECTOR	ACR-41-12 SHUTDOWN		
091112	DUCT SMOKE DETECTOR	ACR-41-11 SHUTDOWN	GROUP A	GROUP A
091113	DUCT SMOKE DETECTOR	ACR-41-10 SHUTDOWN		
091114	DUCT SMOKE DETECTOR	E-41-21 EXH FAN SHUTDOWN	POX-30-121	E-41-21
091115	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 40 SE		
091116	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 43 SE		
091117	DUCT SMOKE DETECTOR	SMOKE IN SUB 41E	SPX-13-014	ALARM STATIONS
091118	DUCT SMOKE DETECTOR	PULL STATION IN SUB 41E		
091119	AREA SMOKE DETECTOR			
091120	AREA SMOKE DETECTOR			
091121	AREA SMOKE DETECTOR			
091122	AREA SMOKE DETECTOR			
091123	AREA SMOKE DETECTOR			
091124	MANUAL PULL STATION			
091125	MANUAL PULL STATION			
091126	MANUAL PULL STATION			
091201	AREA SMOKE DETECTOR	ACS-41-2 AREA ALARM TOWER 2	POX-19-013	ACS-41-2 SHUTDOWN
091202	DUCT SMOKE DETECTOR	ACS-41-2 DUCT ALARM		
091203	DUCT SMOKE DETECTOR	ACS-41-11 AREA ALARM	POX-21-034	ACS-41-11
091204	AREA SMOKE DETECTOR	ACS-41-11 DUCT ALARM		
091205	DUCT SMOKE DETECTOR	ACS-41-7 AREA ALARM	POX-20-024	ACS-41-7
091206	AREA SMOKE DETECTOR	ACS-41-7 DUCT ALARM		
091207	DUCT SMOKE DETECTOR	ACS-41-14 AREA ALARM	POX-22-043	ACS-41-14
091208	AREA SMOKE DETECTOR	ACS-41-14 DUCT ALARM		
091209	DUCT SMOKE DETECTOR	ACS-41-16 AREA ALARM	POX-23-051	ACS-41-16
091210	AREA SMOKE DETECTOR	ACS-41-16 DUCT ALARM		
091211	DUCT SMOKE DETECTOR	ACR-41-9 SHUTDOWN		
091212	DUCT SMOKE DETECTOR	ACR-41-8 SHUTDOWN	GROUP A	GROUP A
091213	DUCT SMOKE DETECTOR	ACR-41-7 SHUTDOWN		
091214	DUCT SMOKE DETECTOR	ACS-41-17 AREA ALARM	POX-23-052	ACS-41-17
091215	DUCT SMOKE DETECTOR	ACS-41-17 DUCT ALARM		
091216	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 40 NE		
091217	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 49 NE		
091218	AREA SMOKE DETECTOR		POX-25-073	ACR-41-7 SHUTDOWN
091219	DUCT SMOKE DETECTOR		POX-25-074	ACR-41-8
091220	AREA SMOKE DETECTOR		POX-26-081	ACR-41-9
091221	AREA SMOKE DETECTOR		POX-26-082	ACR-41-10
			POX-26-083	ACR-41-11
			POX-26-084	ACR-41-12
			POX-19-014	ACS-41-3
			POX-20-024	ACS-41-7
			POX-21-031	ACS-41-8
			POX-21-034	ACS-41-11
			POX-22-041	ACS-41-12
			POX-22-042	ACS-41-13
			POX-22-043	ACS-41-14
			POX-22-044	ACS-41-15
			POX-23-051	ACS-41-16

SMOKE DETECTION PANEL XL No.9 SCHEDULE 'A' (SINGLE ADDRESS INPUTS)				
INPUT		OUTPUT		
ADDRESS	INITIATING DEVICES	ANNUNCIATOR MESSAGES	ACTIVATED RELAYS	ACTIVATED HVAC EQUIPMENT
091301	AREA SMOKE DETECTOR	ACS-41-13 AREA ALARM TOWER 2	POX-22-042	ACS-41-13 SHUTDOWN
091302	DUCT SMOKE DETECTOR	ACS-41-13 DUCT ALARM		
091303	AREA SMOKE DETECTOR	ACS-41-5 AREA ALARM	POX-20-022	ACS-41-5
091304	DUCT SMOKE DETECTOR	ACS-41-5 DUCT ALARM		
091305	AREA SMOKE DETECTOR	ACS-41-9 AREA ALARM	POX-21-032	ACS-41-9
091306	DUCT SMOKE DETECTOR	ACS-41-9 DUCT ALARM		
091307	AREA SMOKE DETECTOR	ACS-41-4 AREA ALARM	POX-20-021	ACS-41-4
091308	DUCT SMOKE DETECTOR	ACS-41-4 DUCT ALARM		
091309	DUCT SMOKE DETECTOR	ACR-41-1 SHUTDOWN		
091310	DUCT SMOKE DETECTOR	ACR-41-2 SHUTDOWN	GROUP B	GROUP B
091311	DUCT SMOKE DETECTOR	ACR-41-3 SHUTDOWN		
091312	DUCT SMOKE DETECTOR	E-41-20 DUCT ALARM	POX-29-114	E-41-20
091313	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 40 SW		
091314	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 43 SW		
091315	DUCT SMOKE DETECTOR	SMOKE IN SUB 41W	SPX-14-024	ALARM STATIONS
091316	DUCT SMOKE DETECTOR	PULL STATION IN SUB 41W		
091317	AREA SMOKE DETECTOR			
091318	AREA SMOKE DETECTOR			
091319	AREA SMOKE DETECTOR			
091320	AREA SMOKE DETECTOR			
091321	AREA SMOKE DETECTOR			
091322	MANUAL PULL STATION			
091323	MANUAL PULL STATION			
091324	MANUAL PULL STATION			
091401	AREA SMOKE DETECTOR	ACS-41-10 AREA ALARM TOWER 2	POX-21-033	ACS-41-10 SHUTDOWN
091402	DUCT SMOKE DETECTOR	ACS-41-10 DUCT ALARM		
091403	AREA SMOKE DETECTOR	ACS-41-6 AREA ALARM	POX-20-023	ACS-41-6
091404	DUCT SMOKE DETECTOR	ACS-41-6 DUCT ALARM		
091405	AREA SMOKE DETECTOR	ACS-41-1 AREA ALARM	POX-19-012	ACS-41-1
091406	DUCT SMOKE DETECTOR	ACS-41-1 DUCT ALARM		
091407	DUCT SMOKE DETECTOR	ACR-41-4 SHUTDOWN		
091408	DUCT SMOKE DETECTOR	ACR-41-5 SHUTDOWN	GROUP B	GROUP B
091409	DUCT SMOKE DETECTOR	ACR-41-6 SHUTDOWN		
091410	DUCT SMOKE DETECTOR	E-41-19 EXH FAN SHUTDOWN	POX-29-113	E-41-19
091411	DUCT SMOKE DETECTOR	E-41-17 EXH FAN SHUTDOWN	POX-29-111	E-41-17
091412	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 40 NW	POX-22-044	ACS-41-15
091413	DUCT SMOKE DETECTOR	SMOKE IN TEL CLOS 43 NW	POX-23-051	ACS-41-16
091414	DUCT SMOKE DETECTOR		POX-28-104	E-41-16
091415	DUCT SMOKE DETECTOR		POX-24-061	ACR-41-1 SHUTDOWN
091416	DUCT SMOKE DETECTOR		POX-24-062	ACR-41-2
091417	AREA SMOKE DETECTOR		POX-24-063	ACR-41-3
091418	AREA SMOKE DETECTOR		POX-24-064	ACR-41-4
			POX-25-071	ACR-41-5
			POX-25-072	ACR-41-6
			POX-19-012	ACS-41-1
			POX-20-021	ACS-41-4
			POX-20-022	ACS-41-5
			POX-20-023	ACS-41-6
			POX-21-032	ACS-41-9
			POX-21-033	ACS-41-10
			POX-22-042	ACS-41-13
092101	TAMPER SWITCH	TAMPER SWITCH 41 MER TWR 2	N/A	N/A
092102	WATER FLOW SWITCH	WATER FLOW 41 MER	N/A	N/A
092103	PURGE SWITCH 41 NE	BY-PASS SWITCH ON 41 NE	N/A	N/A
092104	PURGE SWITCH 41 NW	BY-PASS SWITCH ON 41 NW	N/A	N/A
092105	PURGE SWITCH 41 SE	BY-PASS SWITCH ON 41 SE	N/A	N/A
092106	PURGE SWITCH 41 SW	BY-PASS SWITCH ON 41 SW	N/A	N/A

Sheet 24 or 39



THE PORT AUTHORITY
OF NY & NJ

James C. Carney
ENGINEER OF DESIGN E.D.D., PORTS AND
WORLD TRADE
Michael A. ...
CHIEF ELECTRICAL ENGINEER

Engineering Department
Design Divisions

World
Trade
Center

Title
TOWER M.E.R'S
SPRINKLER INSTALLATION
AND MODIFICATION
TO SMOKE DETECTION
SYSTEM

ELECTRICAL

SMOKE DETECTION PANEL
XL No.9 ANNUNCIATOR
MESSAGE AND
SHUTDOWN SCHEDULE
SHEET 1 OF 2

No. Date Revision Approved

This drawing subject to conditions in contract.
All inventions, ideas, designs and methods
herein are reserved to Port Authority and
may not be used without its written consent.

DaCosta/
AVENOSO
Designed by
AVENOSO
Drawn by
PALANCO
Task Leader

Checked by

Date 5-15-90 Scale NONE

Contract Number
WTC 499.18
Drawing Number
E-22

FILE NAME : 499 822 MAY 17, 1990